

OCTOBER 18, 1968

MR. E. H. HUNNICUTT

H. D. SCHEID

**FIRESTONE WASTE TO THE SOUTHEAST DUMP
PENNSYLVANIA FORM #8113**

RECEIVED

OCT 18 1968

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The figures submitted on the Commonwealth of Pennsylvania, Form #8112 contemplate all waste going to the dump with no salvage or burning.

1. Wood includes loose broken pallets previously burned and paper includes 600 cubic yards of paper towels and 1200 cubic yards of carbon black bags.
2. Garbage is estimated at 2 cubic yards per day for 300 days.
3. Rubber is based on 2500 tires per month previously sold.
4. Plastics is based on 1 cubic yard per day for 300 days.
5. Softener waste is based on four days removal time each year and estimated yardage of each truck load.
6. Resin lagoons is based on the higher of two figures given by Mr. I. M. Wigle and A. L. Gritte, as the amount that would be removed from their lagoons during the next 1½ years, reduced to a yearly capacity.
7. Oil is based on six barrels of scrap oil per week from the banburys. *6 x 50 = 300 gals/week.*
8. Fly ash is based on the number of trucks (trailer loads) per year and fly ash weighing 30# per cubic foot.
9. Earth covering for the dump is not included in either the cubic yards or tons of refuse.
10. Percentage of total, under "Method of Transport of Wastes", is given as percentage of the total cubic yards.
11. Under "Cost Information - Employee Handling Costs", the 65 man days is figured at \$3.00 per hour + 25% fringe benefits, for \$1,950.00
12. Transportation costs per month include \$104.00 for gas, \$10.00 for oil, \$50.00 for service, \$110.00 for depreciation and rent, \$26.00 for flat tire repairs and \$208.00 for rental of trucks, clams and front endloaders; also \$477.00 per month charges by J. Pfrommer for hauling fly ash.

supplies coal also

AR100004

13. "Other costs" (specify) covers contractors work done yearly divided by twelve (12). This is for Charles Stout to excavate lagoons at the Power House and Resin Plant lagoons. Our costs work out to approximately \$1.20 per yard. Using this figure on the Resin lagoon figure of 16,667 yards per year gives a \$600.00 cost for the Power House and \$20,000 for the Resin Plant. This divided by 12 gives \$1,717.00 per month.

*considerable cost
item
of \$1,717.00
3/31/67*

ms. I hope the rest is self-explanatory; if not, feel free to call

The bulk figures were prepared after consultation with C. Starr, Bud Stolpe, R. Downie and A. L. Gritte.

H. D. SCHEID

HDS:sms

cc: Mr. I. M. Wigle

AR100005

DEPARTMENT OF HEALTH
DIVISION OF SANITATION

INDUSTRIAL AND AGRICULTURAL SOLID WASTE INVENTORY

Firestone Tire & Rubber Company

DATE October 18 1966

NAME OF ESTABLISHMENT

Firestone Boulevard & Yoder Road, Lower Pottsgrove

S.I.C. NO.

19464 Montgomery

ADDRESS

(STREET)

(CITY, BORO, TWP.)

(ZIP CODE)

(COUNTY)

Tires, Tubes, Resins, Plastics

TYPE (S) OF PRODUCT MANUFACTURED, PRODUCED, PROCESSED, OR SOLD:

PERSON INTERVIEWED

POSITION TITLE

REFUSE OR SOLID WASTES - GENERATED OR SALVAGED AS A RESULT OF YOUR OPERATIONS. A) TYPE	SPECIAL HANDLING REQUIRED		B) VOLUME PER YEAR		C) SEASONAL NATURE (CHECK ACTIVITY)						VOLUME SALVAGED		EXPLAIN: ANY SPECIAL HANDLING METHODS OR SALVAGE COMMENTS FOR EACH TYPE LISTED
	YES	NO	CU. YD.	TONS	1ST QTR	2ND QTR	3RD QTR	4TH QTR	ALL YEAR		CU. YD.	TONS	
1. Wood	X		1040	520					X				Blend all waste and cover with earth periodically
2. Paper	X		1800	250					X				
3. Garbage	X		600	600					X				"
4. Rubber	X		2400	300					X				"
5. Plastics	X		300	200					X				"
Softener Waste	X		480	500					X				"
6. Resin Lagoons	X		16,667	7,000					X				"
7. Oils	X		85	68					X				"
8. Fly Ash	X		3120	1214					X				"

METHOD OF TRANSPORT OF WASTES

DISPOSAL SITE INFORMATION

COLLECTION	% OF TOTAL	NAME OF COLLECTOR	Type Waste	FREQUENCY PER MONTH	DISPOSAL SITE	% OF TOTAL	NAME AND LOCATION of Site	Type of Waste	PERCENTAGE RECOVERED
MUNICIPALLY COLLECTED					MUNICIPAL INCINERATOR				
PRIVATE CONTRACT	62.8	Chas Stout-Resin Lag	Yearly		MUNICIPAL LANDFILL				
	1.8	Chas Stout-PH Lag	Yearly						
	11.7	J. Frommer-Fly Ash	3 times wly						
EMPLOYEES REMOVE TO SITE	23.7	Firestone	All Other	Daily	MUNICIPAL DUMP				
Salvage opr. or contract		Use:			ON-PREMISE INCINERATION				

TYPE OF COLLECTION VEHICLES (CHECK)

☒ OPEN TRUCK ☐ CLOSED TRUCK ☐ TANK TRUCK

☐ OPEN TRUCK
(WITH TARPAULIN) ☐ COMPACTOR TRUCK

☒ OTHER (SPECIFY): Dempster

COST INFORMATION - EMPLOYEE HANDLING COSTS

MAN-DAYS PER MONTH 65 COST PER MONTH WAGES \$ 1,950

TRANSPORTATION COSTS PER MONTH

985

DISPOSAL SITE FEE OR CONTRACT
FEES PER MONTH

OTHER COSTS (SPECIFY) Contractor/No.

1,717

TOTAL COSTS PER MONTH

4,652

ON-PREMISE
LANDFILL

South east of
Main Plant

All .50

ON-PREMISE
DUMP

PRIVATELY OWNED
LANDFILL

PRIVATELY OWNED
DUMP

COMPOST

OTHER (SPECIFY):

Salvage Operation

Type of salvage operation:

AR-100006

METHOD OF STORAGE

CONTAINER (CHECK)	NUMBER OF CONTAINERS	VOLUME OF EACH CONTAIN	TYPE OF WASTE	HAZARDOUS- INCL	NON-PUT.	BOTH
<input checked="" type="checkbox"/> BULK CONTAINER Dempster		2 cu.yds.	All waste except fly ash, power house and Resin lagoons			X
<input type="checkbox"/> DRRREL						
<input type="checkbox"/> GALVANIZED CONTAINERS						
<input type="checkbox"/> PLASTIC CONTAINERS						
<input checked="" type="checkbox"/> OTHER Contractors (dump trucks)			Fly Ash, hot lime soda softener waste and resin lagoon waste		X	

OPEN STORAGE CHECK METHOD	TYPE OF WASTE	POTENTIALLY HAZARDOUS	VOLUME / Year	FREQUENCY OF REMOVAL	IF POTENTIALLY HAZARDOUS EXPLAIN
<input checked="" type="checkbox"/> Lagoons ON GROUND	Softener and Resin wastes	YES NO	17,147 X cu.yds.	Yearly	
<input checked="" type="checkbox"/> OTHER (SPECIFY):	All Waste except Lagoons		9,345 X cu.yds.	Daily	

PROBLEMS RECOGNIZED BY INDUSTRY COMMENTS REQUESTED:

STORAGE: - Collection: We have experienced several small fires in the past ten years that required fire fighting equipment to extinguish.

Salvage:

- 1) Has any research or experimentation been tried by the establishment to increase the salvage potential of wastes? Explain.

DISPOSAL:

1. Is the present disposal method satisfactory? Yes If No, Comment.
Yes or No

2. What suggestions do you have for more economical methods of disposal or better utilization of wastes?

Although not necessarily more economical, incineration could reduce bulk going into landfill by as much as 75%.

Interviewer's Remarks:

RE COMPLETED

INTERVIEWER'S NAME

FILE

AR100007